



**ANATECH ELECTRONICS INC**  
RF & Microwave Filters & Products

# 424/435 MHz Ceramic Duplexer

**Part Number: AM424-435D1113**



<u>Characteristics</u>	<u>Band 1</u>	<u>Band 2</u>
<b>Passband:</b>	423-425 MHz	434-436 MHz
<b>Bandwidth:</b>	F0±1MHz	F0±1MHz
<b>Passband Return Loss:</b>	15dB min	15dB min
<b>Passband Insertion Loss:</b>	3.8 dB max	3.8 dB max
<b>Passband Ripple:</b>	0.5 dB max	0.5 dB max
<b>Input / Output Impedance:</b>	50 Ohms	50 Ohms
<b>Isolation:</b>	50 dB min	48 dB min
<b>Power Handling:</b>	3W	3W

<u>Mechanical</u>	
<b>Mounting Method:</b>	SMT
<b>Dimensions:</b>	83x30x10 mm

<u>Environmental</u>	
<b>Operating Temperature:</b>	-40 to +85 deg.C
<b>Storage Temperature:</b>	-50 to +90 deg.C

**This product is RoHs compliant.**

## Outline Drawing:

